

Patent claims

1. An arrangement (1) for controlling and monitoring a switchgear assembly (2), having
 - 5 - a station control computation device (4), in which the functions of at least one process control device and/or at least one protective device are integrated,
 - apparatuses (6, 7) for digitally controlling switches (10, 11) of the switchgear assembly (2) having digital
10 inputs and outputs (8, 9), and having
 - transformer electronics (12), arranged in the vicinity of the switches, having digital outputs (13),
 - the digital inputs and outputs (8, 9) of the apparatuses (6, 7) for digital control and the digital
15 outputs (13) of the transformer electronics (12) being logically linked to the station control computation device (4) via arbitrary physical communications links (5).
- 20 2. The arrangement as claimed in claim 1, characterized in that
 - the station control computation device for each switch panel of the switchgear assembly in each case has one station control computation apparatus, in which the
25 functions of the process control and protective devices, which are associated with the respective switch panel, are integrated.
3. The arrangement as claimed in claim 1,
30 characterized in that
 - the station control computation device has, for at least two switch panels (3) of the switchgear assembly (2), a common station control computer (4), in which the functions of the process and protective devices,

which are associated with the at least two switch panels (2), are integrated.

4. The arrangement as claimed in claim 1,
5 characterized in that
- the apparatuses (6, 7) for digital control and the transformer electronics (12) are directly linked to a further station control computer (4a) via further arbitrary physical communications links (5a).